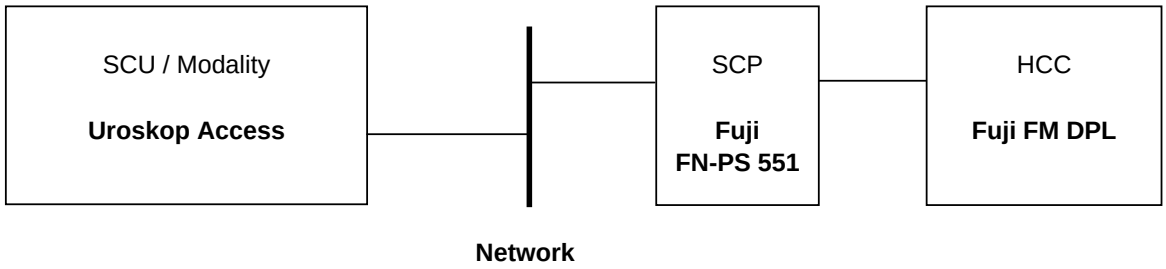
Product:	Uroskop Access
Title:	Specific Hardcopy Camera Information for Fuji FM DPL / FN-PS 551
Affected systems:	Image System ASPIA
Replaces:	SPL5-330.814.20.01.02

1 General Information

1.1 Block Diagram



1.2 Available Film Sizes

Application		ASPIA	Film Type	Medium Type
14"x17"	Portrait	yes	Fuji DI-AL	blue based
	Landscape	yes		
14"x14"	Portrait	n.a.	n.a.	n.a.
	Landscape	n.a.		
11"x14"	Portrait	yes	Fuji DI-AL	blue based
	Landscape	yes		
8"x10"	Portrait	yes	Fuji DI-AL	blue based
	Landscape	yes		
others		n.a.	n.a.	n.a.

Released : yes - Film size is available and released
Released : no - Film size is available but not released
Released : n.a. - Film size is not available

1.3 Restrictions and known Effects

Only one camera may be connected with software version A06 of the FN PS 551.
Additional labelings have to be switched off (Trim “off”).
For HCC-independent restrictions, see also the general restrictions in the document Uroskop Access, General Hardcopy Information.

2 Modality SW Configurations / Parameters

2.1 Configuration

Refer to: Uroskop Access, General Hardcopy Camera Information

Application Entity Properties	**Display**	**Changes allowed yes/no**
AE Title	FMDPL	**Yes**
Port Number	104	**No**
Supported DICOM Services	Print	**No**

HC Device / General Settings		**Display**	**Changes allowed**
Type		DICOM printer	**No**
Class (Printer spec file name)		fujifmdpl	**No**
DICOM Node		FMDPL	**Yes**
Filming Properties		**Display**	**Changes allowed**
Hold printed film jobs		10	**Yes**
Min. density		0.20	**Yes**
Pixel Size [1/1000 mm]		100.0 x 100.0	**No**
Film Sheet Formats Portrait	**Number of pixels [columns x rows]**	Inches14x17 3460x4168 Inches11x14 2536x3522 Inches 8x10 1952x2410	In "define new" Refer to Note Select only Delete only
Film Sheet Formats Landscape	**Number of pixels [columns x rows]**	Inches14x17 4200x3360 Inches11x14 3560x2440 Inches 8x10 2464x1898	In "define new" Refer to Note Select only Delete only
Medium Type		blue film	No
Film Destination		processor	No
Color appearance		monochrome	**No**
Background		black	Yes
Transformation		no magnification	**No**

Note: Do not modify and or add film sizes.
Do not modify pixel sizes.
Delete film sizes that are not available at customer site.

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2.2 Error and Warning Messages

No additional Printer Status Info.

3 Hardcopy Camera, Configuration

3.1 Identification

Device-Type:	DICOM Print Server(SCP)	Printer
Manufacturer / Device Name:	FUJI Photo Film / FN-PS 551	FUJI Photo Film / FM – DPL
HW Revision:	Dell – PC, Optiplex GX 1	Ser. – No. 9632026
SW Revision:	**A 06**	**B04-52(Main Unit)**
Image Memory:	6 GB(128MB Main Memory)	48 MB
Harddisk:	6,4 GB	None
Number of Operating Panels:	1 PC-Tastatur	1 built in Keypad
No./Typ of Input:	1 Ethernet - Board,	FIX 90 A
No./Typ of Output:	1 SCSI-PEI01A Board(FUJI-DMS Protokoll)	n.a.
Physical Network Interface:	100/10Base-T Ethernet, UTP/STP	None
Network Protocol:	TCP / IP	None
DICOM Conformance Statement:	FUJI Network Print Server FN-PS551, May 2001, 4th Edition	None

3.2 SCP / Printer Settings (provided by OEM)

Function	Properties
Protocols: DICOM	Properties
	Network port no. = 104
	data transfer timeout = 600 sec.
	Print Server Application Entity = one to each printer
	Data receive if the printer is off-line = enable
Printer: FM-DPL	Properties
Name:	AE Title of DICOM = FMDPL
	fine printing = off
Interface:	interface = E-i/f
	pixel clock = 1,0 µsec/pixel
	version = type 1
	filmsize = 14x17
	film medium = blue
Model:	model = FN-PS551
	manufacterer = FUJI PHOTO FILM CO, LTD
Clients: DICOM, UroA	Properties
name:	Hostname, UroA
	IP adress = (from systemadministrator)
protocol:	Protocol:DICOM´s default = avail
	Application Entity Title = MERGE_PRINT_SCU
	Attribute list error(0107H warning) = indicate
	Attribute value out of range(0116H warning) = indicate
	Image size larger than image box(B604H warning) = indicate
	N-Event-Report-RQ = disabled

	Use Presentation LUT = No
	Data transfer timeout = enabled
	Use extension format = No
magnify:	procedure = SSM
	smoothing type = SHARP
LUT:	procedure = SAR
	default LUT = 1 (linear)
	Adj. parameter LUT = 1
	rtable no. = 17
	Max. density = 300
	Min. density = 15
	number of tuning points = 0
printer:	fixed, FM-DPL
output format1:	border density = 300
	polarity = normal(pos.)
	trim density = 300
	trim = off
	trim width = 1 pixel
	number of copies = 1
	film size = 14x17
	medium type = blue
	film orientation = portrait
	mirror = off(normal)
	overlay threshold density = 120
output format2:	a margin between image = 20 pixel
	Image Layout = concentration
Annotation: Print Server	upper left/center/right = (nothing selected)
	lower left/center/right = (nothing selected)
Logging:	network = (No)
	printer = (No)
	DICOM = normal
	output image to file = off
	Precedence = Input
Sorting:	sorting conditions = (nothing selected)

Maximum number of associations supported:	6

4 Image Quality and Optical Density

4.1 Reference Film and LUT

Refer to: Uroskop Access, General Hardcopy Camera Information

4.2 Real Size Scaling

n.a.

5 Abbreviations

DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol

6 Changes to Previous Version

Chapter 1.2; 2.1; 3.1 and 3.2 were updated.

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